In the Claims:

Please amend the claims as follows:

1. (previously amended) A method ~~for recording the~~ configured to record a position of at least one component in a location system of a control system of an industrial facility ~~for~~ configured to carry out an industrial process, the method comprising:

a) creating a model of the facility, including position coordinates for major parts of the facility,

b) storing the model in a location system storage ~~means~~ system,

c) identifying a component in the facility,

d) placing a mobile information processing device adjacent the component and detecting position coordinates for the mobile information processing device,

e) determining a location of the component in the model of the facility based on the detected position coordinates for the mobile information processing device, and

f) ~~e)~~ storing identification information of the component and position coordinates of the mobile information processing device in the location system storage ~~means~~ system.

2. (currently amended) The method according to claim 1, further comprising:

repeating steps c, d. e and f ~~d and e~~ for each component that is to be recorded in the location system.

3. (previously amended) The method according to claim 1, further comprising:

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using a positioning system to detect the position coordinates of each position in a

geographical area of the model.

4. (currently amended) The method according to claim 1, further comprising:

using one or more nodes of wireless communication ~~means~~ <u>members</u> to detect the

position coordinates of each position in the model of the geographical area.

5. (previously amended) The method according to claim 1, further comprising:

using a wireless local area network to detect the position coordinates of each position in

the model of the geographical area.

6. (currently amended) The method according to claim 1, further comprising:

using button ~~means~~ or other input ~~means~~ <u>members</u> to store the identification information

of the component and position coordinates of the mobile information processing device in the

location system.

7. (currently amended) The method according to claim 1, further comprising:

using a data display ~~means~~ to store the identification information of the component and

position coordinates of the mobile information processing device in the location system.

8. (currently amended) The method according to claim 1, further comprising:

using wireless communication ~~means~~ <u>members</u> to store the identification information of

the component and position coordinates of the mobile information processing device in the

location system.

9. (previously amended) The method according to claim 1, further comprising:

using a positioning system to detect the position coordinates of the location of the mobile

information processing device.

10. (currently amended) The method according to claim 1, further comprising:

using wireless ~~means~~ system to detect the position coordinates of the location of the

mobile information processing device.

11. (currently amended) The method according to claim 1, wherein a component

comprises individual identification ~~means~~ members attached to the component, the method

further comprising:

identifying the component in the control system by the individual identification ~~means~~

elements on the component.

12. (currently amended) The method according to claim 1, wherein the control system

comprises an image recognition ~~means~~ element of the component, the method further

comprising:

identifying the component in the control system by the image recognition ~~means~~ member.

13. (previously amended) The method according to claim 1, further comprising:

creating means to create position coordinates for a component in the location system

when implementing the component in the control system.

14. (previously amended) The method according to claim 1, further comprising:

identifying a component in the location system by navigating through a corresponding control system.

15. (previously amended) The method according to claim 1, further comprising:

separating the model of the facility in sub-areas, wherein each component located in that sub-area also has a sub-area position coordinate in the location system.

16. (previously amended) The method according to claim 1, further comprising:

locating a component in a physical implementation by the location coordinates of the component in the location system.

17. (previously amended) The method according to claim 1, wherein clicking on a component or a sub-area in the location system selects that component or sub-area.

18. (previously amended) The method according to claim 1, wherein the graphical representation of the location system is a data display picture.

19. (previously amended) The method according to claim 1, wherein the mobile information processing device communicates with the control system through a cable between the device and the component, or the control system.

20. (previously amended) A computer program product, comprising:

a <u>non-transitory</u> computer readable medium; and

programming instructions recorded on the computer readable medium to control a

computer or a computer process to make it perform a method including

creating a model of the facility, including position coordinates for major parts of the

facility,

storing the model in a location system storage ~~means~~ <u>system</u>,

identifying a component in the facility,

placing a mobile information processing device adjacent the component and detecting

position coordinates for the mobile information processing device,

<u>determining a location of the component in the model of the facility based on the detected</u>

<u>position coordinates for the mobile information processing device,</u> and

storing identification information of the component and position coordinates of the

mobile information processing device in the location system storage ~~means~~ <u>system</u>.

21-27 (cancelled)

28. (currently amended) A control system of an industrial facility ~~for~~ <u>configured to carry</u>

<u>out</u> an industrial process system<u>, the control system being configured to record</u> ~~for recording~~ the

position of at least one component in a location system of the control system, the control system

comprising:

a mobile information processing device <u>configured to identify the at least one component,</u>

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a computer program <u>configured to create a model of the facility and store the model in a</u> <u>location system</u>,

graphical user interface <u>configured to display the configuration of the industrial facility</u> <u>based on the recorded position of the at least one component</u>,

a positioning system <u>configured to determine a position of the mobile information</u> <u>processing device</u>,

a location system <u>configured to locate the at least one component based on the</u> <u>determined position of the mobile information processing device</u>, and

a computer <u>configured to store identification information of the component and position</u> <u>coordinates of the mobile information processing device in the location system storage system</u>.

29. (previously presented) The control system according to claim 28, further comprising:

wireless access to information.

30. (currently amended) The control system according to claim 28, further comprising:

a mobile information processing device for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, comprising:

a processor,

<u>a</u> memory <s>means</s> <u>module</u>,

standard interface, and

<u>an</u> input <s>means</s> <u>member</u>.

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31. (previously presented) The control system according to claim 30, wherein the mobile information processing device further comprises:

a radio antenna,

radio receiver/transmitter hardware, and

wireless means.

32. (previously presented) The control system according to claim 30, wherein the mobile information processing device further comprises:

a wireless hardware member.

33. (previously presented) The control system according to claim 30, wherein the mobile information processing device is compatible with the ISM band with significant interference suppression means by spread spectrum technology.

34. (previously presented) The control system according to claim 30, wherein the mobile information processing device is compatible with a protocol wherein each data packet may be re-sent one or more times per second at different frequencies in the spectrum.

35. (previously presented) The control system according to claim 30, wherein the mobile information processing device further comprises:

a configurable hardware input/output interface.

36. (cancelled)

37. (previously presented) The control system according to claim 28, further comprising:

a database comprising information to be used in a method in an industrial system for recording the position of at least one component in a location system of the control system.

38. (previously presented) The control system according to claim 28, further comprising:

a website comprising means to perform a method in an industrial system for recording the position of at least one component in a location system of the control system.

39. (cancelled)

40. (cancelled)

41. (previously presented) The control system according to claim 28, wherein the positioning system comprises a global positioning system.

42-44 (cancelled)

45. (previously presented) The method according to claim 18, wherein the data display picture comprises at least one of a spread sheet, a drawing or a diagram.

46. (previously presented) The method according to claim 28, wherein the mobile information processing device comprises a mobile hardware Personal Digital Assistant.

47. (previously presented) The control system according to claim 28, wherein the positioning system comprises indoor or outdoor GPS, positioning by WLAN or other standards or protocols, or GSM.

48. (previously presented) The control system according to claim 28, wherein the computer comprises a tablet personal computer.

49. (previously presented) The control system according to claim 29, wherein the wireless access to information comprises General Packet Radio Service, VLAN, or Bluetooth.

50. (previously presented) The system according to claim 28, further comprising:
a component with an individual identification attached to the component.

51. (previously presented) The system according to claim 50, wherein the individual identification comprises a tag.

52. (previously presented) The system according to claim 51, wherein the tag comprises a bar code, a radio frequency tag or a wireless technology link.

53. (previously presented) The system according to claim 28, further comprising:

a graphical user interface for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, the graphical user interface comprising

a display element configured to display said at least one component,

a display element configured to display position coordinates for said component, and

an input member configured to register position coordinates of said component.

54. (previously presented) The system according to claim 53, wherein the graphical user interface further comprises:

an input element configured to register identification information of the component; and

an input element configured to register position coordinates of the mobile information.

55. (previously presented) The system according to claim 53, wherein the graphical user interface, further comprises:

a display element configured to identify a component.

56. (previously presented) The system according to claim 53, wherein the graphical user interface further comprises:

an input member configured to register the position coordinates for the mobile information processing device.

57. (previously presented) The system according to claim 53, wherein the graphical user

interface further comprises:

a display element configured to create a model of the facility, including position coordinates for major parts of the facility such as sub-areas, and

an input member configured to register position coordinates of the model.